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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	TBD
(use as many sheets as necessary)				Filing Date	Herewith
Sheet	1	of	1	First Named Inventor	McCarty
				Art Unit	TBD
				Examiner Name	TBD
				Attorney Docket Number	
				COM004-C1	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
SP	1	US-4,339,724	07-13-1982	Feher	
SP	2	US-4,567,602	01-28-1986	Kato, et al.	
SP	3	US-4,843,615	08-27-1989	Davis	
SP	4	US-4,879,745	11-07-1989	Arbel	
SP	5	US-5,253,271	10-12-1993	Montgomery	
SP	6	US-5,309,482	05-03-1994	Wright, et al.	
SP	7	US-5,357,502	10-18-1994	Castelain, et al.	
SP	8	US-5,487,089	01-23-1996	Misalzu, et al.	
SP	9	US-5,648,923	07-15-1997	Lane, et al.	
SP	10	US-5,774,506	06-30-1998	Futagi	
SP	11	US-5,787,079	07-28-1998	Bateman, et al.	
SP	12	US-5,796,782	08-18-1998	Sagawa	
SP	13	US-5,834,886	11-10-1998	Myers	
SP	14	US-6,047,025	04-04-2000	Johnson, et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)			
SP	15	WO 98/43349	01-10-1998	Konink Philips Electronics NV (NL)	
SP	16	EP 0441732A	02-05-1991	Telediffusion FSG et al.	
SP	17	EP 0587129	09-07-1993	Nippon Telegraph & Telephone	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
SP	18	EE 379A – Digital Communication: Signal Processing, Winter Quarter 1998-1999, internet ( <a href="http://www.stanford.edu/class/ee379a/welcome.html">http://www.stanford.edu/class/ee379a/welcome.html</a> ); pgs. 153-157.			
SP	19	Modern Quadrature Amplitude Modulation, Principles and Applications for Fixed and Wireless Communications; (Chapter 3) "Introduction to Modems," Pentech Press Limited, 1994, pp. 80-115.			

Examiner Signature	/Sudhanshu Pathak/	Date Considered	10/05/2006
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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